

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 March 2001 (29.03.2001)

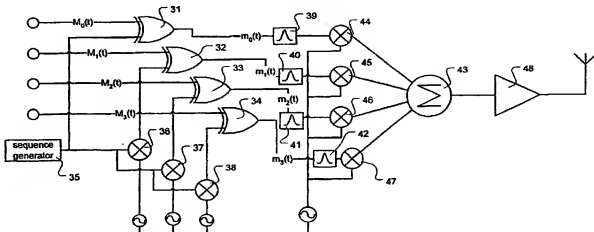
PCT

(10) International Publication Number
WO 01/22607 A3

- (51) International Patent Classification⁷: **H04B 1/707**, H04J 13/00, H04L 5/02
- (21) International Application Number: PCT/GB00/03600
- (22) International Filing Date:
20 September 2000 (20.09.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
9922239.0 20 September 1999 (20.09.1999) GB
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- (81) Designated States (*national*): AE, AG, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, PL, RO, SD, SG, SI, SK, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- (88) Date of publication of the international search report:
15 November 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CODE DIVISION MULTIPLE ACCESS COMMUNICATION



(57) Abstract: In a CDMA communication system, stations (4a, 4b, 4c) operating in the same area transmit to a receiver (2a) using a common carrier frequency. Each station (4a, 4b, 4c) transmits a plurality of bits in parallel using orthogonal spreading signals. These spreading signals are used by the stations (4a, 4b, 4c) in time-offset manner so that the transmissions from the stations (4a, 4b, 4c) are mutually orthogonal. The spreading signals may be generated by phase modulating a common spreading sequence so that the spectra of the spreading signals rotate at different rates.